

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S239	170	382/199,258-269.ccls. and (edge or contour)with correlat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/24 15:02
S240	15	382/199,258-269.ccls. and (edge or contour)with correlat\$4 with frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 14:57
S241	2	"5351305".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/24 15:23
S242	312	(edge or contour)with correlat\$4 with frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/24 15:25
S243	105	(edge or contour)with correlat\$4 with (high near2 frequenc\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/26 10:32
S244	37	(edge or contour)with correlat\$4 with (high near2 frequenc\$4) same (low near2 frequenc\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/24 15:29
S245	1	"4523230".pn.	USPAT	OR	OFF	2005/05/25 14:14
S246	15	382/199,258-270.ccls. and (edge or contour)with correlat\$4 with frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 10:43
S247	20	382/199,258-270.ccls. and (edge or contour)with correlat\$4 with threshold\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:02

S24 8	13	382/199,258-270.ccls. and (edge or contour)with correlat\$4 with threshold\$4 and frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:02
S24 9	5	382/199,258-270.ccls. and (edge or contour)with correlat\$4 with threshold\$4 and (frequenc\$4 with high)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:13
S25 0	58	(edge or contour)with correlat\$4 with threshold\$4 and (frequenc\$4 with high)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:06
S25 1	2	(edge or contour)with correlat\$4 with threshold\$4 with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:07
S25 2	6	(edge or contour)with correlat\$4 with threshold\$4 same channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:08
S25 3	384	(edge or contour)with correlat\$4 same channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:08
S25 4	32	(edge or contour)with correlat\$4 same channel same (image or pixel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:10
S25 5	70	semenchenko	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:11

S25 6	8	semenchenko and channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:11
S25 7	5	382/199,258-275.ccls. and (edge or contour)with correlat\$4 with threshold\$4 and (frequenc\$4 with high)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 11:26
S25 8	1	382/199,258-275.ccls. and (edge or contour)with correlat\$4 with threshold\$4 and channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:15
S25 9	8	382/199,258-275.ccls. and (edge or contour)with correlat\$4 with threshold\$4 and (channel or bank)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:15
S26 0	1	348/252.ccls. and(edge or contour)with correlat\$4 with (high near2 frequenc\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/26 10:32
S26 1	9	348/252.ccls. and(edge or contour)with correlat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/26 10:33
S26 2	312	(edge or contour)with correlat\$4 with frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 10:43
S26 3	61	((detect\$4 or extract\$4 or select\$4) near5(edge or contour))with correlat\$4 with frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 10:45

S26 4	18	((detect\$4 or extract\$4 or select\$4) near5(edge or contour))with correlat\$4 with (high near2 frequenc\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 10:50
S26 5	8929	(correlat\$4 with pixel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 10:50
S26 6	400	(correlat\$4 with pixel) with frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 10:51
S26 7	21	(correlat\$4 with pixel) with frequenc\$4 with neighbor\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 11:21
S26 8	5	(correlat\$4 with pixel) with frequenc\$4 with neighbor\$4 with high	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 10:58
S26 9	400	(correlat\$4 with pixel) with frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 11:21
S27 0	156	(correlat\$4 with pixel) with frequenc\$4 with high	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 11:21
S27 1	2	(correlat\$4 with pixel) with frequenc\$4 with high with threshold\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 11:21

S27 2	5	382/199,258-275,304.ccls. and (edge or contour)with correlat\$4 with threshold\$4 and (frequenc\$4 with high)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 11:26
S27 3	638034	channel	USPAT	OR	ON	2005/07/21 11:57
S27 4	2437275	edge or contour or line	USPAT	OR	ON	2005/07/21 12:15
S27 5	2726300	detect\$4 or extract\$4 or locat\$4 or determin\$4	USPAT	OR	ON	2005/07/21 11:55
S27 6	105873	(split\$4 or divid\$4 or separat\$4) with channel	USPAT	OR	ON	2005/07/21 12:17
S27 7	619347	S274 with S275	USPAT	OR	ON	2005/07/21 11:56
S27 8	51306	channel with frequenc\$4	USPAT	OR	ON	2005/07/21 12:00
S27 9	1931	S277 same S278	USPAT	OR	ON	2005/07/21 11:59
S28 0	9714	S276 with S278	USPAT	OR	ON	2005/07/21 11:59
S28 1	275	S279 same S280	USPAT	OR	ON	2005/07/21 11:59
S28 2	2395	channel with frequenc\$4 with low with high	USPAT	OR	ON	2005/07/21 12:17
S28 3	380	S276 with S282	USPAT	OR	ON	2005/07/21 12:06
S28 4	3	S277 same S283	USPAT	OR	ON	2005/07/21 12:05
S28 6	50	S283 same S274	USPAT	OR	ON	2005/07/21 12:13
S28 7	22	S277 with S282	USPAT	OR	ON	2005/07/21 12:13
S28 8	1180678	edge or contour	USPAT	OR	ON	2005/07/21 12:15
S28 9	257086	S275 with S288	USPAT	OR	ON	2005/07/21 12:16
S29 0	2	S282 with S289	USPAT	OR	ON	2005/07/21 12:16
S29 1	2231284	(split\$4 or divid\$4 or separat\$4)	USPAT	OR	ON	2005/07/21 12:17
S29 2	73746	frequenc\$4 with low with high	USPAT	OR	ON	2005/07/21 12:17
S29 3	6204	S291 with S292	USPAT	OR	ON	2005/07/21 12:18

S29 4	67	S293 same S289	USPAT	OR	ON	2005/07/21 12:37
S29 5	204620	correlat\$4	USPAT	OR	ON	2005/07/21 12:47
S29 6	13	S294 and S295	USPAT	OR	ON	2005/07/21 12:41
S29 7	1	"5546477".pn.	USPAT	OR	ON	2005/07/21 12:41
S29 8	17924	correlat\$4 with (frequency or channel)	USPAT	OR	ON	2005/07/21 12:48
S29 9	1633	correlat\$4 with (frequency or channel) with (compar\$4 or threshold\$4)	USPAT	OR	ON	2005/07/21 12:48
S30 0	79	correlat\$4 with (frequency or channel) with (compar\$4 or threshold\$4) and "382".clas.	USPAT	OR	ON	2005/07/21 12:49
S30 1	146	correlat\$4 with (frequency or channel) with (compar\$4 with threshold\$4)	USPAT	OR	ON	2005/07/21 13:03
S30 2	3	correlat\$4 with (frequency or channel) with (compar\$4 with threshold\$4) and "382".clas.	USPAT	OR	ON	2005/07/21 12:50
S30 4	1	"5739922".pn.	USPAT	OR	ON	2005/07/21 13:08
S30 5	1	"5351305".pn.	USPAT	OR	ON	2005/07/22 07:26
S30 9	878590	noise	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 07:28
S31 0	3596344	edge or contour	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 07:27
S31 1	591820	threshold\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 07:28

S31 2	232777	correlation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 07:28
S31 3	6150	(correlation with pixel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 07:28
S31 4	8	S309 with S310 with S311 with S312	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 07:33
S31 5	2611	382/266,270,273,278,280,282. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 08:28
S31 6	865	382/266,270,273,278,280,282. ccls. and correlat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 07:35
S31 7	188	382/266,270,273,278,280,282. ccls. and (correlat\$4 with threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 07:35
S31 8	196	382/266,270,273,278,280,282. ccls. and (correlat\$4 with threshold\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 07:35
S31 9	5	382/266,270,273,278,280,282. ccls. and (correlat\$4 with threshold\$4 with table)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 07:42

S32 0	196	382/266,270,273,278,280,282. ccls. and (correlat\$4 with threshold\$4 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 07:42
S32 1	69	382/266,270,273,278,280,282. ccls. and (correlat\$4 with threshold\$4 with compar\$4 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 07:56
S32 2	0	382/266,270,273,278,280,282. ccls. and (correlat\$4 with threshold\$4 with compar\$4 with channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 07:44
S32 3	13	382/266,270,273,278,280,282. ccls. and (correlat\$4 with (threshold\$4 or compar44) with (curve or table) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 08:00
S32 4	348	(correlat\$4 with (threshold\$4 or compar44) with (curve or table) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 08:00
S32 5	26	(correlat\$4 with (threshold\$4 or compar44) with (curve or table) with (edge or contour or noise) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 08:13
S32 6	693	ito near2 wataru	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 08:13
S32 7	299	ito near2 wataru and fuji	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 08:13



S32 8	48	ito near2 wataru and fuji and band	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 08:14
S32 9	678	382/266.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 08:28
S33 0	109	382/266.ccls. and correlation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 09:18
S33 1	2	"5739922".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 09:20
S33 2	2	"4812903".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 09:21
S33 3	2	"5739922".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 09:28

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	22	ito near2 wataru and fuji and correlation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:49
L2	21954	correlation.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:34
L3	1222	(correlation and (edge or contour)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:34
L4	304	(correlation and (edge or contour) and threshold\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:35
L5	62	(correlation and (edge or contour) and threshold\$4 and weight\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:40
L6	285	(correlation and (edge or contour) and frequenc\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:40
L7	50	(correlation and (edge or contour) and frequenc\$4 and high and low).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:40

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	22	ito near2 wataru and fuji and correlation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:49
L2	21954	correlation.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:34
L3	1222	(correlation and (edge or contour)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:34
L4	304	(correlation and (edge or contour) and threshold\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:35
L5	62	(correlation and (edge or contour) and threshold\$4 and weight\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:40
L6	285	(correlation and (edge or contour) and frequenc\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:40
L7	50	(correlation and (edge or contour) and frequenc\$4 and high and low).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:53
L8	471	382/278.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:55

L9	179	382/278.ccls. and (edge or contour)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:55
----	-----	-------------------------------------	---	----	----	------------------



[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

**Welcome United States Patent and Trademark Office**

## Search Results

**BROWSE**

## SEARCH

IEEE XPLORE GUIDE

Results for "(((edge <near> detect<in>metadata))<and>(correlation<in>metadata))"

Your search matched 73 of 1748 documents.

A maximum of **73** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.



## » Search Options

[View Session History](#)

**New Search**

### Modify Search

```
((edge <near> detect<in>metadata))<and>(correlation<in>metadata))
```

☐ Check to search only within this results set

**Display Format:** ☒ Citation ☐ Citation & Abstract

» **Key**

**IEEE JNL**    **IEEE Journal of  
Magazine**

**IEE JNL**    IEE Journal or Magazine

IEEE CNF IEEE Conference  
Proceeding

IEE CNF      IEE Conference  
Proceeding

IEEE STD IEEE Standard

### Select Article Information

View: 1-

☐ 26. Ocean thermal feature recognition, discrimination, and tracking using infrared imagery

Holland, J.A., II; Yan, X.-H.;  
Geoscience and Remote Sensing, IEEE Transactions on  
Volume 30, Issue 5, Sept. 1992 Page(s):1046 - 1053  
Digital Object Identifier 10.1109/36.175339

AbstractPlus | Full Text: PDF(932 KB) IEEE JNL

☐ 27. Multichannel blind image deconvolution using the Bussgang algorithm: a multiresolution approach

Panci, G.; Campisi, P.; Colonnese, S.; Scarano, G.;  
Image Processing, IEEE Transactions on  
Volume 12, Issue 11, Nov. 2003 Page(s):1324 - 1337  
Digital Object Identifier 10.1109/TIP.2003.818022

AbstractPlus | References | Full Text: PDF(1116 KB) IEEE JNL

**28. Visual distortion assessment with emphasis on spatially transitional regl**

EePing Ong; Weisi Lin; Zhongkang Lu; Susu Yao; Etoh, M.;  
Circuits and Systems for Video Technology, IEEE Transactions on  
Volume 14, Issue 4, April 2004 Page(s):559 - 566  
Digital Object Identifier 10.1109/TCSVT.2004.825574

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(936 KB\)](#) [IEEE JNL](#)

☐ 29. New range-based neighbourhood operator for extracting edge and texture from mammograms for subsequent image segmentation and analysis

Chandrasekhar, R.; Attikiouzel, Y.;  
Science, Measurement and Technology, IEE Proceedings-  
Volume 147, Issue 6, Nov. 2000 Page(s):408 - 413  
Digital Object Identifier 10.1049/ip-smt:20000853

AbstractPlus | Full Text: PDF(908 KB) IEE JNL

☐ 30. Ultrasonic distance measurement system with a well defined and adjustable area

Elmer, H.; Schweinzer, H.;  
Sensors, 2004. Proceedings of IEEE  
24-27 Oct. 2004 Page(s):437 - 440 vol.1  
Digital Object Identifier 10.1109/ICSENS.2004.1426193

[AbstractPlus](#) | [Full Text: PDF\(894 KB\)](#) [IEEE CNF](#)